

BGPD / BGPE

Certificate of Building Information Modelling (BIM) Use in Drawing Generation (General Building Plans)

建築信息模擬應用-圖則製作(建築圖則)證書

This programme aims to introduce the practitioners the approach to facilitate the preparation of General Building Plans by BIM authoring software Revit in accordance with the “Guidelines for using Building Information Modelling in General Building Plans Submission”.

根據Guidelines for using Building Information Modelling in General Building Plans Submission向從業員介紹以BIM軟件Revit預備建築圖則。

	BGPD	BGPE
Lecturer 講師	Professionals 專業人士	
Medium of Instruction 授課語言	Cantonese supplemented with English technical terms 廣東話輔以英文技術用語 Only English version of the course materials and computer software is used for teaching in class 本課堂以英文版本的教材及電腦軟件教學 Only English versions of assignments and examination papers will be used for assessment in class. 本課堂採用英文版本習作及考試卷作評核	
Mode of Attendance 授課形式	Part-time day course 日間部份時間制： 09:00-17:30	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	7.5 hours x 2 sessions 7.5小時 x 2堂	3 hours x 5 sessions 3小時 x 5堂
Award of Certificate 證書頒發	1) Completion certificate - Attended all classes of the programme (100% attendance); and passed the final assessment. 2) Certificate of attendance - Attended all classes of the programme (100% attendance). 1) 結業證書 - 出席所有課堂(100%出席率)及考試合格。 2) 出席證書 - 出席所有課堂(100%出席率)。	
Re-Exam 補考	The course offers only one re-exam opportunity. The fee for the re-exam is HK\$100. 課程僅提供一次補考機會，補考費用為港幣\$100元	
Venue 上課地點	HKIC Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon 九龍 九龍灣大業街 44 號香港建造學院九龍灣院校	
Admission Requirements 入學條件	Completion of a BIM software/platform training course at operation level as recognised by CIC, OR possession of any certification of BIM software at operation level issued by respective developers; and At least one year of work experience in construction or related industry. 曾修畢至少一個建造業議會認可的建築信息模擬軟件課程，或持有任何由軟件開發商頒發的建築信息模擬軟件課程證書；及 具有至少一年建造業或相關工作經驗。	
Course Fee 課程費用	\$1,500.00	
Enquiry 查詢課程	2100 9000 / 2100 9525	
Application Form 報名表格	Please apply online on SPDC portal 請透過建造專業進修院校的 網上報名系統 報名	

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Course Content 課程內容

Standard of Drawing Generation

- ◆ Guidelines for using BIM in GBP Submission
- ◆ CIC BIM Standards General
- ◆ CIC Production of BIM Object Guide General Requirements
- ◆ CIC BIM Standards Architecture and Structural Engineering

General Setting

- ◆ View Setup
- ◆ Create Sheet
- ◆ 2D Drafting Tools
- ◆ Annotation
- ◆ Management Tools
- ◆ Create and Modify Schedule
- ◆ Modify Graphic Settings

General Building Plan

- ◆ Overview of Essential Views and Schedules for Composing the Prescribed Plans

Essential Views and Schedules

- ◆ General Notes, FS Notes, Key Plan and Miscellaneous Information
- ◆ Floor Plan, Elevation, Section, Typical details
- ◆ Travel Distance Measurement
- ◆ Refuge Area
- ◆ EVA diagrams
- ◆ Open Space diagrams
- ◆ Fire compartment diagrams
- ◆ Site area & SC diagrams
- ◆ GFA diagrams
- ◆ UFA & UFS diagrams
- ◆ Assessment of Prescribed Windows
- ◆ Diagrams showing compliance with the Sustainable Building Design (SBD) Guidelines
- ◆ Computation for GFA concession requirements and List of GFA concessions
- ◆ MoE, MoA, FRC : Schedule of minimum number and width of exit doors and exit routes, discharge value, FRR / compartment schedule
- ◆ Schedule of sanitary fitment provisions,
- ◆ Refuse storage and material recovery chamber calculation
- ◆ Floor area calculation for Telecommunications and Broadcasting (TBE) room
- ◆ Lift shaft concession calculation
- ◆ Opening Calculation for Wider Corridor
- ◆ Identify Changes in Tag and Schedule

Amendment Submission

- ◆ Partial colouring of layout plan
- ◆ Display Previous Approval Plan in Blue Dotted Lines
- ◆ Display Approved Elements in Black & White

Summary

- ◆ Conclude the key aspects of Drawing Generation

Examination

- ◆ Assess the knowledge and skills of Drawing Generation in BIM (Revit)